

Patent
09/493,917

REMARKS

Claims 1-5, 8-14, 17-18 and 22-26 are pending in the application. Claims 1, 10 and 22 are independent.

Claims 1-5, 8-14, 17-18 and 20-21 were again rejected under 35 USC 103(a) as being unpatentable over US Patent 5,537,149 (Teraoka et al.) in view of Applicants' admitted prior art (figures 1 and 2). The rejection based on Teraoka and figures 1 and 2 is respectfully traversed and reconsideration is requested.

Each of the independent claims recites a method for performing autoconvergence that includes moving an image as a single entire image, without increasing any of the dimensions of the image, so that sensors at the sides of the display detect the corresponding side of the image.

The final Action acknowledges that Teraoka remains silent on:

- (1) "the display having sensors which detect the image"; and
- (2) "moving the image as a single entire image *without increasing any of the dimensions of said image*".

The final Action then takes the position that the use of sensors to control the displayed picture is well-known in the art as "... disclosed by applicant's Fig 1, 2...to ascertain the position of the displayed image and assist in the adjustment of the displayed picture" and that Teraoka discloses "a system which expands or compresses the respective video signal, where the video signal is size adjusted to maintain the distance from the original vertical and horizontal center".

The Action then somehow "concludes" that:

"In the event a user desires to maintain the original size of the received signal, the image that was compressed or expanded in order to be detected by the sensors could be resized to the original size of the image...it is notoriously well known in the art in computer applications for a user to enlarge/compress (i.e. zoom-in/zoom-out) an image, where the enlarged/compressed image will maintain the original center, and if the user desires to switch back to the original size, the image will maintain the center position." (emphasis added)

Patent
09/493,917

The Action continues,

"...therefore it would have been obvious...to modify Teraoka which discloses a system which receives either a 16:9/4:3 video signal being displayed on a 4:3/16:9 display by expanding or compressing the image to maintain the center position of the original image in order to occupy more or less of the new size display, by using conventional sensors as admitted by applicant's Fig 1,2 and moving an image, which may have been resized based upon the display or the user's preferences, where the user may desire to reconvert the adjusted size image to the original size, in order to provide the user to view an image which is centered on the display".

Applicants respectfully believe that the Examiner has failed to state a prima facie case of obviousness because the combination of Teraoka and Applicants' Figures 1 and/or 2 do not disclose or suggest "moving said image as a single entire image, without increasing any of the dimensions of said image" as recited in independent claim 1 and in similar language in independent claims 10 and 22. Instead, Applicants respectfully believe that the Examiner is confusing an end result with the claimed manner of achieving that result.

As noted above, the Examiner admits that Teraoka does not disclose "moving said image as a single entire image, without increasing any of the dimensions of said image". In fact, Teraoka appears to teach away from this limitation because Teraoka discloses stretching or compressing an image non-linearly to maintain the center portion of the original signal. [Abst.] Applicants maintain that Figures 1 and 2 do not disclose or suggest this claim element because there is no mention of moving the displayed image without increasing any image dimensions in the text associated with these Figures.

As recited in independent claim 1, the displayed image is moved "as an entire image". As further recited, this movement is done "without increasing any of the dimensions of said image". For this reason, the Examiner's point that a moved image could be "resized" to original dimensions after such movement does not address this claim element because, as recited in the claim language, the image dimensions are not altered during the movement, and so any image "resizing" is not required.

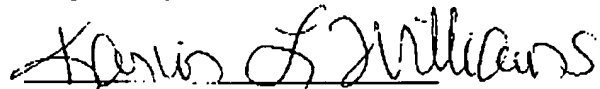
Therefore, Applicants respectfully maintain that independent claims 1, 10, and 22 are patentable over the combination of Teraoka and Figures 1 and/or 2. Hence, Applicants' claims dependent on these three independent claims are likewise patentable over these references for at

Patent
09/493,917

least the same reasons. Applicants respectfully request the Examiner reconsider, withdraw all rejections, and pass this application to issue.

Applicants respectfully request that the Examiner grant a telephone interview if he maintains his rejections. In this interview, Applicants' attorney will seek to identify the Examiner's exact grounds for rejection, to understand the reasoning for such rejection, and to clarify any other issues so that Applicants can evaluate how best to respond.

Respectfully submitted,



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